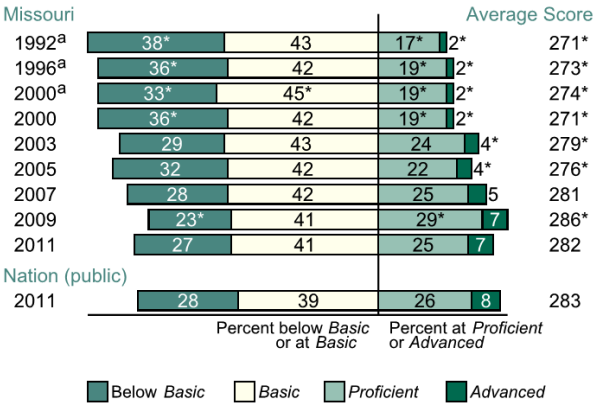
The Nation's Report Card Mathematics 2011 State Snapshot Report

Missouri
Grade 8
Public Schools

Overall Results

- In 2011, the average score of eighth-grade students in Missouri was 282. This was not significantly different from the average score of 283 for public school students in the nation.
- The average score for students in Missouri in 2011 (282) was lower than their average score in 2009 (286) and was higher than their average score in 1992 (271).
- In 2011, the score gap between students in Missouri at the 75th percentile and students at the 25th percentile was 46 points. This performance gap was not significantly different from that of 1992 (44 points).
- The percentage of students in Missouri who performed at or above the NAEP *Proficient* level was 32 percent in 2011. This percentage was smaller than that in 2009 (35 percent) and was greater than that in 1992 (20 percent).
- The percentage of students in Missouri who performed at or above the NAEP *Basic* level was 73 percent in 2011. This percentage was smaller than that in 2009 (77 percent) and was greater than that in 1992 (62 percent).

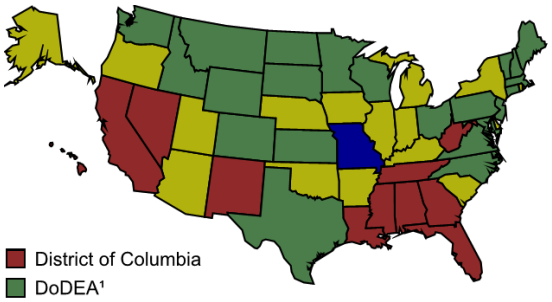
Achievement-Level Percentages and Average Score Results



* Significantly different ($p < .05$) from state's results in 2011. Significance tests were performed using unrounded numbers.
ª Accommodations not permitted. For information about NAEP accommodations, see http://nces.ed.gov/nationsreportcard/about/inclusion.asp.

NOTE: Detail may not sum to totals because of rounding.

Compare the Average Score in 2011 to Other States/Jurisdictions

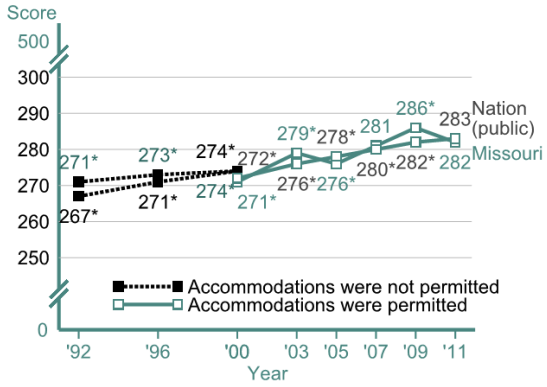


¹ Department of Defense Education Activity (overseas and domestic schools).

In 2011, the average score in **Missouri** (282) was

- lower than those in 23 states/jurisdictions
- higher than those in 12 states/jurisdictions
- not significantly different from those in 16 states/jurisdictions

Average Scores for State/Jurisdiction and Nation (public)



* Significantly different ($p < .05$) from 2011. Significance tests were performed using unrounded numbers.

NOTE: For information about NAEP accommodations, see http://nces.ed.gov/nationsreportcard/about/inclusion.asp.

Results for Student Groups in 2011

Reporting groups	Percent of students	Avg. score	Percentages at or above *Basic*	Percentages at or above *Proficient*	Percent at *Advanced*
Race/Ethnicity					
White	78	288	79	36	8
Black	16	254	40	8	#
Hispanic	3	267	58	16	#
Asian	2	‡	‡	‡	‡
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	1	‡	‡	‡	‡
Gender					
Male	51	283	73	33	7
Female	49	281	72	30	6
National School Lunch Program					
Eligible	43	269	59	18	2
Not eligible	56	292	83	42	10

Rounds to zero. ‡ Reporting standards not met.

NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

Score Gaps for Student Groups

- In 2011, Black students had an average score that was 33 points lower than White students. This performance gap was not significantly different from that in 1992 (34 points).
- In 2011, Hispanic students had an average score that was 20 points lower than White students. Data are not reported for Hispanic students in 1992, because reporting standards were not met.
- In 2011, male students in Missouri had an average score that was not significantly different from female students.
- In 2011, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 23 points lower than students who were not eligible for free/reduced-price school lunch. This performance gap was not significantly different from that in 1996 (21 points).

NOTE: Statistical comparisons are calculated on the basis of unrounded scale scores or percentages.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1992–2011 Mathematics Assessments.

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